

## NOTES:

1. MATERIAL  
BACKSHELLS - ZINC DIECAST  
PULL- MOLDED PLASTIC
2. LENGTH= SEE TABLE
3. ELECTRICAL PERFORMANCE AS PER SERIAL ATTACH SCSI 1.1
4. SAS PLUG MATES TO RECEPTACLE 75586 SERIES,  
AND EMI HOUSING ASSY, 74548-100
5. 4X LANE LINK COMPLIES WITH SFF-8470
6. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES  
IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE  
(2002/95/EC)

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ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: USY2007-0468		2007/06/22		mm		INCH		1:1		METRIC		THIRD ANGLE PROJECTION	
DRAWN: SNAVARRO		2007/06/22		4 PLACES ±---		±---		DRAWN BY		DATE		TITLE	
CHKD: DDOYE		2007/06/25		3 PLACES ±---		±---		CHECKED BY		DATE		I-PASS X4 26 CKT TO	
APPR: DDOYE				2 PLACES ±0.13		±---		T. HALL		2005/09/06		LANE LINK 4X CBL ASSY	
				1 PLACE ±0.25		±---		APPROVED BY		DATE		PLUG TO PLUG	
				ANGULAR ±1/2°		±---		DDOYE		2005/09/06		MOLEX INCORPORATED	
				DRAFT WHERE APPLICABLE		MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SD-74547-200	
				MUST REMAIN WITHIN DIMENSIONS		SIZE		B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	
												1 OF 4	

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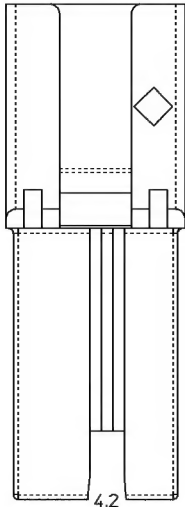
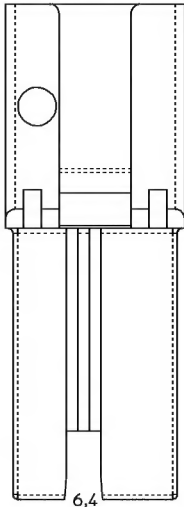
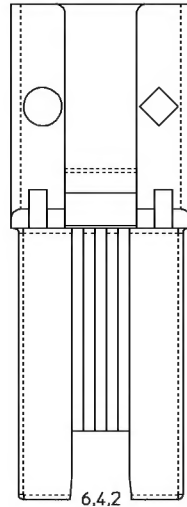
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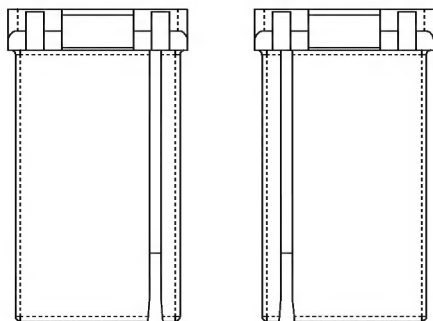
KEYING IDENTIFIER  
SASTABLE  
ROUTINGSUBTRACTION  
ROUTINGUNIVERSAL  
KEY

Material Number	Description	GUAGE	LENGTH	KEY	IDENTIFIER
74547-2021	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	1M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2022	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	2M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2023	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	3M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2024	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	4M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2025	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	26	5M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2026	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	6M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2027	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	7M $\triangle$	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2028	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	8M $\triangle$	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2029	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.25M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2030	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.5M	2,4	TABLE ROUTING (OUT PORT), SAS
74547-2041	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	1M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2042	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	2M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2043	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	3M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2044	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	4M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2045	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	26	5M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2046	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	6M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2047	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	7M $\triangle$	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2048	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	8M $\triangle$	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2049	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.25M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2050	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.5M	4,6	SUBTRACTION ROUTING (IN PORT), SAS
74547-2051	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	1M	2,4,6	UNIVERSAL KEY, SAS
74547-2052	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	2M	2,4,6	UNIVERSAL KEY, SAS
74547-2053	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	3M	2,4,6	UNIVERSAL KEY, SAS
74547-2054	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	4M	2,4,6	UNIVERSAL KEY, SAS
74547-2055	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	26	5M	2,4,6	UNIVERSAL KEY, SAS
74547-2056	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	6M	2,4,6	UNIVERSAL KEY, SAS
74547-2057	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	7M $\triangle$	2,4,6	UNIVERSAL KEY, SAS
74547-2058	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	8M $\triangle$	2,4,6	UNIVERSAL KEY, SAS
74547-2059	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.25M	2,4,6	UNIVERSAL KEY, SAS
74547-2060	x4 SAS TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.5M	2,4,6	UNIVERSAL KEY, SAS

$\triangle$  - NOT COMPLIANT WITH INSERTION  
LOSS SPEC PER SAS 1.1.

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ENTER DESCRIPTION EC NO: USV2007-0468 DRWN:SNABARRO 2007/06/22 CHKD:DDOYE 2007/06/22 APPR:DDOYE 2007/06/25	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY DATE KPHILLIPS 2005/09/06		TITLE			
				CHECKED BY DATE T.HALL 2005/09/06		I-PASS X4 26 CKT TO LANE LINK 4X CBL ASSY PLUG TO PLUG			
				APPROVED BY DATE DDOYE 2005/09/06		MOLEX MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-74547-200		SHEET NO. 2 OF 4			
SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

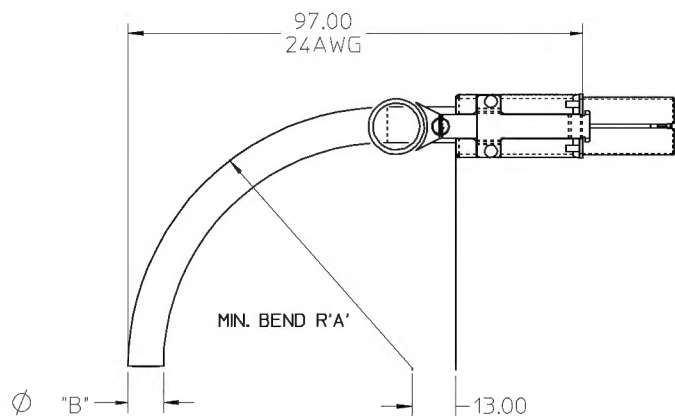


"X" CABLE

"M" CABLE

Material Number	Description	GAUGE	LENGTH	KEY	IDENTIFIER
74547-2001	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	1M	1.4	X CABLE, SATA
74547-2002	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	2M	1.4	X CABLE, SATA
74547-2003	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	3M	1.4	X CABLE, SATA
74547-2004	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	4M	1.4	X CABLE, SATA
74547-2005	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	26	5M	1.4	X CABLE, SATA
74547-2006	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	6M	1.4	X CABLE, SATA
74547-2007	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	7M $\Delta$	1.4	X CABLE, SATA
74547-2008	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	8M $\Delta$	1.4	X CABLE, SATA
74547-2009	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.25M	1.4	X CABLE, SATA
74547-2010	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.5M	1.4	X CABLE, SATA
74547-2061	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	1M	7	M CABLE, SATA
74547-2062	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	2M	7	M CABLE, SATA
74547-2063	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	3M	7	M CABLE, SATA
74547-2064	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	4M	7	M CABLE, SATA
74547-2065	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	26	5M	7	M CABLE, SATA
74547-2066	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	6M	7	M CABLE, SATA
74547-2067	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	7M	7	M CABLE, SATA
74547-2068	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	24	8M	7	M CABLE, SATA
74547-2069	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.25M	7	M CABLE, SATA
74547-2070	x4 SATA TO 4X LANE LINK JACK SCREW CABLE ASSEMBLY	28	0.5M	7	M CABLE, SATA

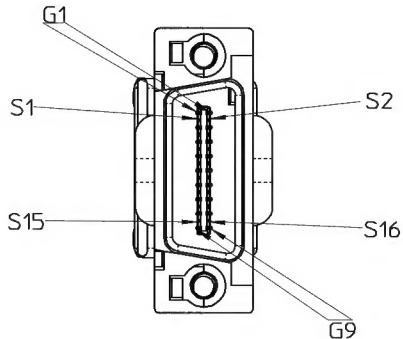
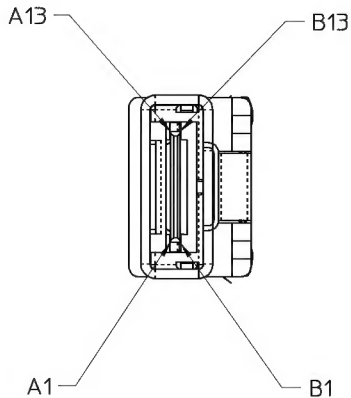
$\Delta$  - NOT COMPLIANT WITH INSERTION LOSS SPEC PER SAS 1.1.



CABLE	A	B
24AWG	46.9	10.40
26AWG	41.7	9.30
28AWG	37.7	8.40

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ENTER DESCRIPTION EC NO: USY2007-0468 DRWN: SNAVARRO CHKD: DDOYE APPR: DDOYE	QUALITY SYMBOLS <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY KPHILLIPS	DATE 2005/09/06	TITLE I-PASS X4 26 CKT TO LANE LINK 4X CBL ASSY PLUG TO PLUG				
		4 PLACES	± ---	± ---	CHECKED BY T.HALL	DATE 2005/09/06					
		3 PLACES	± ---	± ---	APPROVED BY DDOYE		DATE 2005/09/06	MOLEX MOLEX INCORPORATED			
		2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.				
1 PLACE	± 0.25	± ---	SEE TABLE		SD-74547-200	3 OF 4					
		ANGULAR ±1/2°									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



S A S  2 6 C K T	Rx0+	A2		S16	Tx0+	L A N E L I N K   4 X
	Rx0-	A3	←	S15	Tx0-	
	GND	A4	←	G8	GND	
	Rx1+	A5		S14	Tx1+	
	Rx1-	A6	←	S13	Tx1-	
	GND	A7	←	G7	GND	
	Rx2+	A8		S12	Tx2+	
	Rx2-	A9	←	S11	Tx2-	
	GND	A10	←	G6	GND	
	Rx3+	A11		S10	Tx3+	
	Rx3-	A12	←	S9	Tx3-	
	GND	A13	←	G5	GND	
	GND	B13		G4	GND	
	Tx3-	B12	→	S8	Rx3-	
	Tx3+	B11	→	S7	Rx3+	
	GND	B10		G3	GND	
	Tx2-	B9	→	S6	Rx2-	
	Tx2+	B8	→	S5	Rx2+	
	GND	B7		G2	GND	
	Tx1-	B6	→	S4	Rx1-	
	Tx1+	B5	→	S3	Rx1+	
	GND	B4		G1	GND	
	Tx0-	B3	→	S2	Rx0-	
	Tx0+	B2	→	S1	Rx0+	

NOTE: GROUNDS ARE BUSSED IN PCB

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ENTER DESCRIPTION EC NO: USY2007-0468 DRAWN:SNABVARO CHKD:DDOYE APPR:DDOYE	DESCRIPTION	QUALITY SYMBOLS   =0  =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
			mm	INCH	DRAWN BY DATE		TITLE I-PASS X4 26 CKT TO LANE LINK 4X CBL ASSY PLUG TO PLUG   MOLEX INCORPORATED			
			4 PLACES ± --- ± ---	XPHILL IPS 2005/09/06						
			3 PLACES ± --- ± ---	CHECKED BY DATE						
			2 PLACES ± 0.13 ± ---	T. HALL 2005/09/06						
1 PLACE ± 0.25 ± ---	APPROVED BY DATE	DDOYE 2005/09/06		DOCUMENT NO.		SHEET NO.				
ANGULAR ± 1/2°			MATERIAL NO.		SD-74547-200		4 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					